SUBSTITUTE FORM PTO-1449A LIST OF PATENTS AND APPLICANT'S INFORMATION DISCLOSURE STATEMENT	Atty Docket: Serial No.: Applicant: Filing Date: Group:	55302CON6 10/776,558 Gorsuch et al. February 11, 2004

U.S. PATENT DOCUMENTS

Examiner Initials		Document Number	Date	Name	Class	Sub Class	Filing Date
	AA	5,442,625	8/15/95	Gitlin et al.	370	18	
	AB	5,734,646	3/31/98	I et al.	370	335	
	AC	5,373,502	12/13/94	Turban	370	18	
	AD	6,069,883	5/30/00	Ejzak et al.	370	335	
	AE	6,088,335	7/11/00	I et al.	370	252	
	AF	5,856,971	1/5/99	Gitlin et al.	370	335	
	AG	6,418,148	7/9/02	Kumar et al.	370	468	
	AH	5,859,840	1/12/99	Tiedemann, Jr. et al.	370	335	
	AI	5,930,230	7/27/99	Odenwalder at al.	370	208	
	AJ	5,914,950	6/22/99	Tiedemann, Jr. et al.	370	348	
	AK	6,396,804	5/28/02	Odenwalder	370	209	
	AL	6,574,211	6/3/03	Padovani et al.	370	347	
	AM	6,389,000	5/14/02	Jou	370	342	
	AN	6,377,809	4/23/02	Rezaiifar et al.	455	455	
	AO	6,005,855	12/21/99	Zehavi et al.	370	335	
	AP	6,064,678	5/16/00	Sindhushayana et al.	370	470	
	AQ	5,790,551	8/4/98	Chan	370	458	
	AR	5,828,662	10/27/98	Jalali et al.	370	335	
	AS	6,269,088	7/31/01	Masui et al.	370	335	
	AT	5,923,650	7/13/99	Chen et al.	370	331	
	AU	5,663,990	9/2/97	Bolgiano et al.	375	347	
	AV	5,673,259	9/30/97	Quick, Jr.	370	342	
	AW	5,784,406	7/21/98	DeJaco et al.	375	224	
	AX	5,828,659	10/27/98	Teder et al.	370	328	
	AY	5,844,894	12/1/98	Dent	370	330	
	AZ	5,910,945	6/8/99	Garrison et al.	370	324	
	BA	5,950,131	9/7/99	Vilmur	455	434	
	BB	5,991,279	11/23/99	Haugli et al.	370	311	

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U.S. PATENT DOCUMENTS

Examiner Initials		Document Number	Date	Name	Class	Sub Class	Filing Date
	BC	6,028,868	2/22/00	Yeung et al.	370	515	
	BD	6,078,572	6/20/00	Tanno et al.	370	335	
	BE	6,112,092	8/29/00	Benveniste	455	450	
	BF	6,134,233	10/17/00	Kay	370	350	
	BG	6,157,619	12/5/00	Ozluturk et al.	370	252	
	BH	6,161,013	12/12/00	Anderson et al.	455	435	
	BI	6,196,362	2/27/01	Darcie et al.	370	431	
	BJ	6,208,871	3/27/01	Hall et al.	455	517	
	BK	6,215,798	4/10/01	Carneheim et al.	370	515	
	BL	6,222,828	4/24/01	Ohlson et al.	370	320	
	BM	6,243,372	6/5/01	Petch et al.	370	350	
	BM	6,259,683	7/10/01	Sekine et al.	370	328	
	BO	6,262,980	7/17/01	Leung et al.	370	336	
	BP	6,272,168	8/7/01	Lomp et al.	375	206	
	BQ	6,285,665	9/4/01	Chuah	370	319	
	BR	6,307,840	10/23/01	Wheatley, III et al.	370	252	
	BS	6,366,570	4/2/02	Bhagalia	370	342	
	BT	6,373,830	4/16/02	Ozluturk	370	335	
	BU	6,373,834	4/16/02	Lundh et al.	370	350	
	BV	6,377,548	4/23/02	Chuah	370	233	
	BW	6,456,608	9/24/02	Lomp	370	335	
	BX	6,469,991	10/22/02	Chuah	370	329	
	BY	6,473,623	10/29/02	Benveniste	455	522	
	BZ	6,504,830	1/7/03	Östberg et al.	370	342	
	CA	6,519,651	2/11/03	Dillon	709	250	
	CB	6,526,039	2/25/03	Dahlman et al.	370	350	
	CC	6,532,365	3/11/03	Anderson et al.	455	437	

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U.S. PATENT DOCUMENTS

Examiner Initials		Document Number	Date	Name	Class	Sub Class	Filing Date
	CD	6,545,986	4/8/03	Stellakis	370	318	
	CE	6,567,416	5/20/03	Chuah	370	418	
	CF	6,571,296	5/27/03	Dillon	709	250	
	CG	6,570,865	5/27/03	Masui et al.	370	342	
	CH	6,597,913	7/22/03	Natarajan	455	452	
	CI	5,642,348	6/24/97	Barzegar et al.	370	277	
	CJ						

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	CK	Chih-Lin I et al., Multi-Code CDMA Wireless Personal Communications Networks, June 18, 1005
	CL	Chih-Lin I et al., IS-95 Enhancements for Multimedia Services, Bell Labs Technical Journal, Pages 60-87, Autumn 1996 NO MONTH LISTED
	CM	Chih-Lin I et al., Performance of Multi-Code CDMA Wireless Personal Communications Networks, July 25, 1995
	CN	Liu et al., Channel Access and Interference Issues in Multi-Code DS-CDMA Wireless Packet (ATM) Networks, Wireless Networks 2, Pages 173-196, 1996 NO MONTH LISTED
	CO	Chih-Lin I et al., Load and Interference Based Demand Assignment (LIDA) for Integrated Services in CDMA Wireless Systems, November 18, 1996, Pages 235-241
	CP	Budka et al., Cellular Digital Packet Data Networks, Bell Labs Technical Journal, Summer 1997, Pages 164-181 NO MONTH LISTE
	CQ	Cellular Digital Packet Data, System Specification, Release 1.1, January 19, 1995
	CR	Data Standard, Packet Data Section, PN-3676.5 (to be published as TIA/EIA/IS-DATA.5), December 8, 1996, Version 02 (Content Revision 03)
	CS	Data Service Options for Wideband Spread Spectrum Systems: Introduction, PN-3676.1 (to be published as TIA/EIA/IS-707.1), March 20, 1997 (Content Revision 1)
	CT	Packet Data Service Option Standard for Wideband Spread Spectrum Systems, TIA/EIA Interim Standard, TIA/EIA/IS-657, July 1996
	CU	Mobile Station-Base Station Compatibility Standard for Dual-Mode Wideband Spread Spectrum Cellular System, TIA Interim Standard, TIA/EIA/IS-95-A (Addendum to TIA/EIA/IS-95), May 1995
	CV	Mobile Station-Base Station Compatibility Standard for Wideband Spread Spectrum Cellular Systems, TIA/EIA Standard, TIA/EIA-95-B (Upgrade and Revision of TIA/EIA-95-A), March 1999

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	Applicant:	Gorsuch et al.
	Filing Date:	February 11, 2004
	Group:	

OTHER ART (Including Author, Title, Date, Pertinent Pages, etc.)		
	CW	Network Wireless Systems Offer Business Unit (NWS OBU), Feature Definition Document for Code Division Multiple Access (CDMA) Packet Mode Data Services, FDD-1444, November 26, 1996
	CX	Draft Text for "95C" Physical Layer (Revision 4), Part 2, Document #531-981-20814-95C, part 2 on 3GGP2 website (ftp://ftp.3gpp2.org/tsgc/working/1998/1298_Maui/WG3-TG1/531-98120814-95c,%20part%202.pdf, 1998) NO DATE LISTED
	CY	Draft Text for "*95C" Physical Layer (Revision 4), Part 1, Document #531-981-20814-95C, Part 1 on 3GPP2 website (ftp://ftp.3gpp2.org/tsgc/working/1998/1298_Maui/WG3-TG1/531-98120814-95c,%20part%201.pdf) NO DATE LISTED
	CZ	Reed et al., Iterative Multiuser Detection for CDMA with FEC: Near-Single-User Performance, IEEE Transactions on Communications, Vol. 46, No. 12, December 1998, Pages 1693-1699
	DA	Hindelang et al., Using Powerful "Turbo" Codes for 14.4 Kbit/s Data Service in GSM or PCS Systems, IEEE Global Communications Conference, Phoenix, Arizona, USA, November 3-8, 1997, Vol. II, Pages 649-653
	DB	Kaiser et al., Multi-Carrier CDMA with Iterative Decoding and Soft-Interference Cancellation, Proceedings of Globecom 1997, Vol. 1, Pages 523-529 NO MONTH LISTED
	DC	Wang et al., The Performance of Turbo-Codes in Asynchronous DS-CDMA, IEEE Global Communications Conference, Phoenix, Arizona, USA, November 3-8, 1007, Gol. III, Pages 1548-1551
	DD	Hall et al., Design and Analysis of Turbo Codes on Rayleigh Fading Channels, IEEE Journal on Selected Areas in Communications, Vol. 16, No. 2, February 1998, Pages 160-174
	DE	High Data Rate (HDR) Solution, Qualcomm, December 1998
	DF	Azad et al., Multirate Spread Spectrum Direct Sequence CDMA Techniques, 1994, The Institute of Electrical Engineers NO MONTH LISTED
	DG	Ejzak et al., Lucent Technologies Air Interface Proposal for CDMA High Speed Data Service, Revision 0.1, May 5, 1997
	DH	Knisely, Lucent Technologies Air Interface Proposal for CDMA High Speed Data Service, January 16, 1997
	DI	Kumar et al, An Access Scheme for High Speed Packet Data Service on IS-95 based CDMA, February 11, 1997
	DJ	Ejzak et al., Lucent Technologies Air Interface Proposal for CDMA High Speed Data Service, April 14, 1997
	DK	Lucent Technologies Presentation First Slide Titled, Summary of Multi-Channel Signaling Protocol, April 6, 1997
	DL	Lucent Technologies Presentation First Slide Titled, Why Support Symmetric HSD (Phase 1C), February 21, 1997

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OTHER ART (Including Author, Title, Date, Pertinent Pages, etc.)			
	DM	Krzymien et al., Rapid Acquisition Algorithms for Synchronization of Bursty Transmissions in CDMA Microcellular and Personal Wireless Systems, IEEE Journal on Selected Areas in Communications, Vol. 14, No. 3, April 1996, Pages 570-579	
	DN	Chih-Lin I et al., Variable Spreading Gain CDMA with Adaptive Control for True Packet Switching Wireless Network, 1995, Pages 725-730 NO MONTH USTED	
	DO	Skinner et al., Performance of Reverse-Link Packet Transmission in Mobile Cellular CDMA Networks, IEEE, 2001, Pages 1019-1023 NO MONTH USTED	
	DP	Lau et al., A Channel-State-Dependent Bandwidth Allocation scheme for Integrated Isochronous and Bursty Media Data in a Cellular Mobile Information System, IEEE, 2000, Pages 524-528 NO MONTH USTED	
	DQ	Elhakeem, Congestion Control in Signalling Free Hybrid ATM/CDMA Satellite Network, IEEE, 1995, Pages 783-787 NO MONTH USTED	
	DR	Chung, Packet Synchronization and Identification for Incremental Redundancy Transmission in FH-CDMA Systems, 1992, IEEE, Pages 292-295 NO MONTH USTED	
	DS	High Data Rate (HDR), cdmaOne optimized for high speed, high capacity data, Wireless Infrastructure, Qualcomm, September 1998	
	DT	Viterbi, The Path to Next Generation Services with CDMA, Qualcomm Incorporated, 1998 CDMA Americas Congress, Los Angeles, California, November 19, 1998	
	DU		
	DV		
	DW		
	DX		
	DY		
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U.S. PATENT DOCUMENTS

Examiner Initials		Document Number	Date	Name	Class	Sub Class	Filing Date
JL	AA	4,675,863	6/23/87	Paneth et al.	370	50	
	AB	4,817,089	3/28/89	Paneth et al.	370	95	
	AC	4,912,705	3/27/90	Paneth et al.	370	95.1	
	AD	4,949,395	8/14/90	Rydbeck	455	33	
	AE	5,022,024	6/4/91	Paneth et al.	370	50	
	AF	5,027,400	6/25/91	Baji et al.	380	20	
	AG	5,114,375	5/19/92	Wellhausen et al.	446	246	
	AH	5,226,044	7/6/93	Gupta et al.	370	81	
	AI	5,282,222	1/25/94	Fattouche et al.	375	1	
	AJ	5,325,419	6/28/94	Connolly et al.	379	60	
	AK	5,355,374	11/11/94	Hester et al.	370	84	
	AL	5,412,429	5/2/95	Glover	348	398	
	AM	5,471,463	11/28/95	Hulbert	370	335	
	AN	5,585,850	12/17/96	Schwaller	348	388	
	AO	5,592,470	1/4/97	Rudrapatna et al.	370	468	
	AP	5,592,471	1/7/97	Briskman	455	506	
	AQ	5,617,423	4/1/97	Li et al.	370	426	
	AR	5,655,001	8/5/97	Cline et al.	370	328	
	AS	5,657,358	8/12/97	Panech et al.	375	356	
	AT	5,687,194	11/11/97	Paneth et al.	375	283	
	AU	5,697,059	12/9/97	Carney	455	34.1	
	AV	5,793,744	8/11/98	Kanerva et al.	370	209	
	AW	5,872,786	2/16/99	Shobatake	370	398	
	AX	5,881,060	3/9/99	Morrow et al.	370	337	
	AY	5,896,376	4/20/99	Alperovich et al.	370	347	
	AZ	5,956,332	9/21/99	Rasanen et al.	370	342	
	BA	5,966,374	10/12/99	Rasanen	370	337	
	BB	6,002,690	12/14/99	Takayama et al.	370	437	
JL	BC	6,011,800	1/4/00	Nadgauda et al.	370	437	

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U.S. PATENT DOCUMENTS

Examiner Initials		Document Number	Date	Name	Class	Sub Class	Filing Date
	BD	6,310,859	10/30/01	Morita et al.	370	235	
	BE	6,526,281	2/25/03	Gorsuch et al.	455	452	
	BF	6,081,536	6/27/00	Gorsuch et al.	370	468	

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		Document Number	Date	Country	Class	Sub Class	Translation
	BG	97/46044	12/4/97	WO	H04Q7	38	
	BH	0526106	2/3/93	EP	H04Q11	04	
	BI	0682423	11/15/95	EP	H04J13	00	
	BJ	96/08934	3/21/96	WO	H04Q7	22	
	BK	0719062	6/26/96	EP	H04Q7	36	
	BL	96/37081	11/21/96	WO	H04Q7	24	
	BM	97/23073	6/26/97	WO	H04J3	16	
	BN	0682426	11/15/95	EP	H04L5	06	
	BO	95/08900	3/30/95	WO	H04Q7	22	

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	BP	Melanchuk et al., *CDPD and Emerging Digital Cellular Systems*, Digest of Papers of COMPCON, Computer Society Conference 1996, Santa Clara, CA, no. CONF. 41, February 25, 1996, pp. 2-8, XP000628458
	BQ	Bell Labs Technical Journal, Lucent Technologies, Volume 2, Number 3, Summer 1997
	BR	Puleston, PPP Protocol Spoofing Control Protocol, Global Village Communication (UK) Ltd., February 1996

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